

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00995

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G05D 7/00, G05D 16/00, F16K 5/00, F16K 11/06
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F16K, G05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E, A	DE 20204661 U1 (BUCHLER, HELMUT), 4 Sept 2003 (04.09.03), figures 1,4,9 --	1-12
A	GB 3005468 A (R.L.ERWIN ET AL), 24 October 1961 (24.10.61) --	1-12
A	US 2002079003 A1 (D.SCAMPINI), 27 June 2002 (27.06.02), see the whole document --	1-12
A	GB 603837 A (JACK & HEINTZ, INC.CO, ET AL), 23 June 1948 (23.06.48), pag 1, li 10-32, 74-94, pag 2 li 1-2, fig.1-5 --	1-12

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"B" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 December 2003

Date of mailing of the international search report

12-01-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN VOL.200,NO.306 JP2003042313 A 20030213 KURIMOTO LTD --	1-12
A	GB 2158204 A (A G (PATENTS)LTD. (UNITED KINGDOM)), 6 November 1985 (06.11.85), WHOLE DOCUMENT --	1-12
A	US 4479512 A (J.OHRENDORF ET AL), 30 October 1984 (30.10.84), column 2, line 33 - line 68; column 4, line 23 - line 50, figures 1,2 -- -----	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

31/10/03

International application No.

PCT/SE 03/00995

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
DE	20204661	U1	04/09/03	NONE	
GB	3005468	A	24/10/61	NONE	
US	2002079003	A1	27/06/02	NONE	
GB	603837	A	23/06/48	NONE	
GB	2158204	A	06/11/85	GB 8410994 D GB 8510906 D	00/00/00 00/00/00
US	4479512	A	30/10/84	DE 3109116 A,C FR 2501818 A,B GB 2094944 A,B IT 1150670 B IT 8220090 D JP 1628260 C JP 2055643 B JP 58000603 A	04/11/82 17/09/82 22/09/82 17/12/86 00/00/00 20/12/91 28/11/90 05/01/83